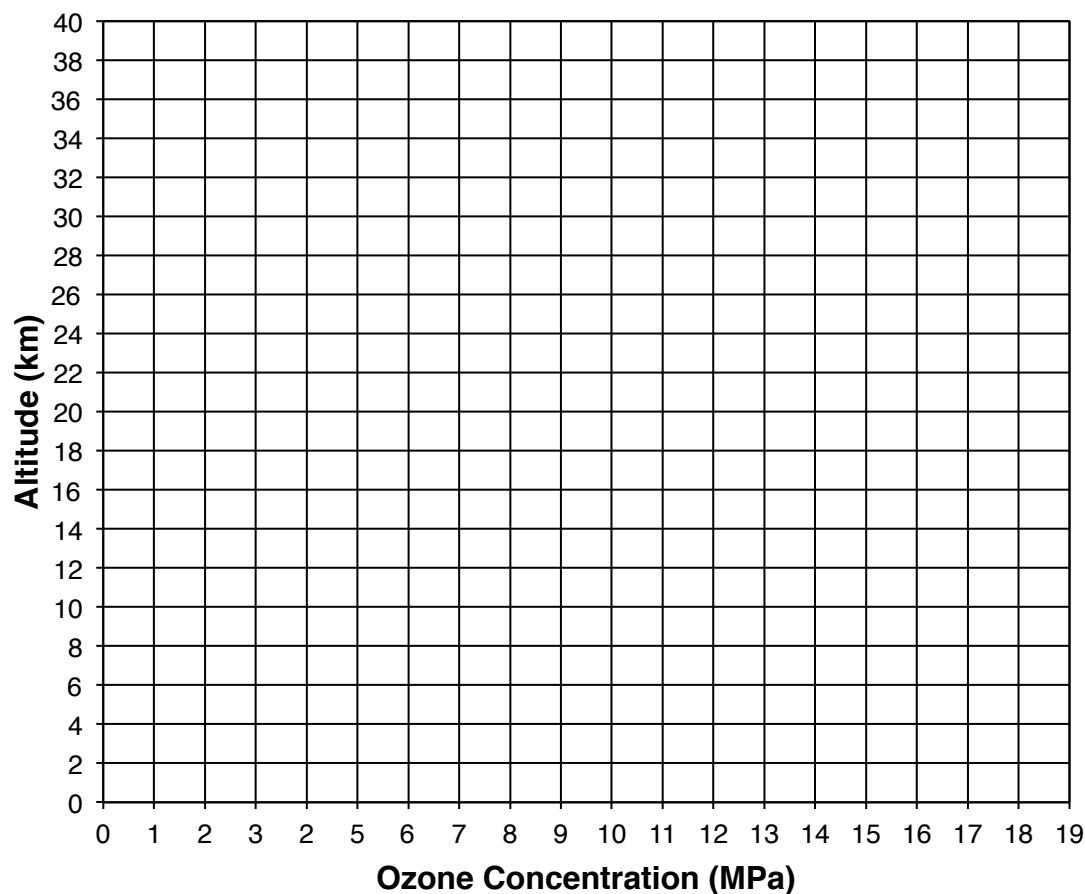


Name: _____

How Does Ozone Concentration Change with Altitude?

Create a graph using the following information from the table below. Mpa stands for Megapascal, a unit used to measure partial pressure, which can be used to determine how much of a particular chemical is in a column of air at a standard temperature and pressure. Plot the data on the graph. Using a colored pencil, connect the plots, creating a line graph.

Ozone Concentration Vs. Altitude



Altitude (km above Earth's surface)	Ozone (MPa)
0	5
2	4
4	3
6	2
8	2
10	2
12	2
14	2
16	3
18	11
20	13
22	14
24	13
26	12
28	11
30	8
32	6
34	5
36	5
38	4
40	4

Mark on the graph 39km (about 128,000 feet) the approximate altitude from which Felix Baumgartner jumped. Then using a different color pencil, trace the line until the ozone is at the Earth's surface (altitude is 0 km).

- What happened to ozone concentrations as Felix fell?

- What was unique about the ozone level where Felix started?
